

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Yong Choi on June 17, 2008.

The application has been amended as follows:

Claims 28-33 read:

28. A method to optimize a bandwidth of a digital television (DTV) transport stream and to determine transmission cycles for tables to be transmitted as part of the DTV transport stream, the method comprising:

setting transmission cycles for event information tables (EITs) to be transmitted in sequence according to the following condition:

transmission cycle (EIT_{i-1}) < transmission cycle (EIT_i), for $i=1$ and 2, a time span covered by EIT_{i-1} being prior to a time span covered by EIT_i, wherein the transmission cycle for the EIT₀ is set narrower than the transmission cycle for the EIT₁;

setting a transmission cycle for an extended text table ETT3 containing program description information associated with one of the event information tables other than

the EIT0 and the EIT1, wherein the transmission cycle of the ETT3 is greater than a sum of the transmission cycle of the EIT0 and the transmission cycle of the EIT1.

29. A program and system information protocol (PSIP) generator to optimize a bandwidth of a digital television (DTV) packet stream and to generate tables to be transmitted as part of the DTV transport stream, the PSIP generator comprising:

a transmission cycle determination unit to set transmission cycles for a plurality of event information tables (EITs) to be transmitted in sequence according to the following condition:

transmission cycle (EIT_{i-1}) < transmission cycle (EIT_i) for $i=1$ and 2, a time span covered by EIT_{i-1} being prior to a time span covered by EIT_i, wherein the transmission cycle for the EIT0 is set narrower than the transmission cycle for the EIT1,

the transmission cycle determination unit to further set a transmission cycle for an extended text table ETT3 containing program description information associated with one of the EITs other than the EIT0 and the EIT1,

wherein the transmission cycle of the ETT3 is greater than a sum of the transmission cycle of the EIT0 and the transmission cycle of the EIT1.

30. A method of operating a digital television (DTV) receiver that receives and processes a DTV transport stream, the method comprising:

receiving in a DTV transport stream a sequence of event information tables (EITs) according to the following condition:

transmission cycle (EIT_{i-1}) < transmission cycle (EIT_i) for i=1 and 2, wherein the transmission cycle for the EIT₀ is set narrower than the transmission cycle for the EIT₁; parsing EITs from the transport stream;

receiving in the DTV transport stream an extended text table ETT3 containing program description information associated with one of the event information table other than the EIT₀ and the EIT₁, wherein the transmission cycle of the ETT3 is greater than a sum of the transmission cycle of the EIT₀ and the transmission cycle of the EIT₁; and parsing the ETT3 from the DTV transport stream.

31. The method of claim 28, wherein the transmission cycle of the ETT3 corresponds to a transmission cycle of EIT3.

32. The PSIP generator of claim 29, wherein the transmission cycle of the ETT3 corresponds to a transmission cycle of EIT3.

33. The method of claim 30, wherein the transmission cycle of the ETT3 corresponds to a transmission cycle of EIT3.

2. The following is an examiner's statement of reasons for allowance: By specifying that the transmission cycle being set is specifically for ETT3, the applicant has overcome the teachings found in the prior art which broadly teach non-specific transmission schemes.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DOMINIC D. SALTARELLI whose telephone number is (571)272-7302. The examiner can normally be reached on Monday - Friday 9:00am - 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Miller can be reached on (571) 272-7353. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Dominic D Saltarelli/

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/John W. Miller/
Supervisory Patent Examiner, Art Unit 2623